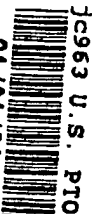


01/21/02



JC963 U.S. PTO

10054399.012102

PATENT

Attorney Docket No: DY0U13.1A2CP1

Date: January 21, 2002

Page:

JC979 U.S. PTO
10/054399ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

ATTENTION: BOX PATENT APPLICATION

Sir:

Transmitted herewith is a continuation-in-part application under 37 CFR 1.53 of U.S. Patent Application No. 09/168,474 filed October 8, 1998, which claims the benefit of priority under 35 U.S.C. §119(e) of U.S. Application No. 08/951,141, which was filed as a Nonprovisional Application on October 15, 1997 and converted to a Provisional Application by petition mailed by applicants on October 8, 1998, and also claims the benefit of priority under 35 U.S.C. §119(a) to applicants GB9721358.1 filed October 8, 1997, GB9721357.3 filed October 8, 1997, and GB9812793.9 filed June 12, 1998. This application is also a continuation-in-part of U.S. Application No. 09/732,180 filed December 7, 2000, which claims the benefit of priority to U.S. Provisional Application No. 60/169,699, filed December 7, 1999.

Inventors: Peter M. Nern and Robert A. Arkowitz

For: NUCLEOTIDE SEQUENCES AND PROTEIN SEQUENCES

Enclosed are the following documents:

- (X) 24 sheets of drawings;
- (X) A check in the amount of \$2,007.00 to cover the filing fee; and
- (X) A return prepaid postcard.

The present application qualifies for small entity status under 37 C.F.R. § 1.27.

The fees are calculated below:

CLAIMS AS FILED				
FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$370	\$ 370.00
Total Claims	69 - 20 =	45 ×	\$9	\$ 405.00
Independent Claims	29 - 3 =	26 ×	\$42	\$1,092.00
If application contains any multiple dependent claims(s), then add			\$140	\$ 140.00
TOTAL FILING FEE		\$2,007.00		

10054399.012102

PATENT

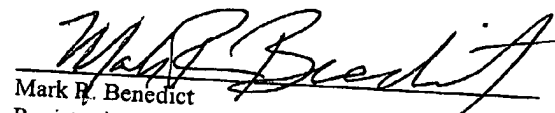
Attorney Docket No. DYOU13.1A2CP1

Date: January 21, 2002

Page 2

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.

Please use Customer No. 20,995 for the correspondence address.


Mark R. Benedict
Registration No. 44,531
Attorney of Record

H:\DOCS\CMS\CMS-2154.DOC\dns\012102

01-24-02 10054399 012102 A

Knobbe Martens Olson & Bear LLP

Intellectual Property Law

620 Newport Center Drive
Sixteenth Floor
Newport Beach, CA 92660
Tel 949-760-0404
Fax 949-760-9502
www.kmob.com

Katie Sanders
Patent Scientist
ksanders@kmob.com

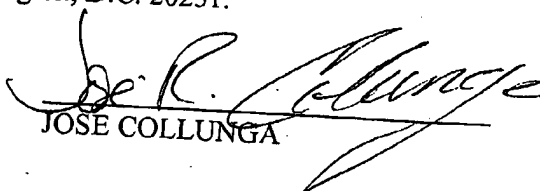
BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : DYOU13.1A2CP1
Applicants : Nern, et al.
For : NUCLEOTIDE SEQUENCES AND PROTEIN
SEQUENCES
Attorney : Mark R. Benedict
"Express Mail"
Mailing Label No. : EL 725 707 315 US
Date of Deposit : January 21, 2002

I hereby certify that the accompanying

Transmittal letter; specification in 113 pages; 24 sheets of drawings; Check for Filing Fee; and a Return Prepaid Postcard are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.


JOSE COLLUNGA

H:\DOCS\CMSCMS-2156.DOC
012102

San Diego
619-235-8550

San Francisco
415-954-4114

Los Angeles
310-551-3450

Riverside
909-781-9231